

Converting Colors

`RYB(128, 192, 136)`

Have a look what the booklet for
RYB(128, 192, 136) contains.

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Color

R_YB(128, 192, 136)

Conversions

Conversions Part 1

Format	Color
Hex	B8C080
RGB	184, 192, 128
RGB Percent	72%, 75%, 50%
CMY	0.2784, 0.2471, 0.4980
CMYK	0.04, 0.00, 0.33, 0.25
HSL	68°, 34%, 63%
HSV	68°, 33%, 75%
XYZ	42.5131, 49.4481, 27.7258
YIQ	182.3120, 15.7760, -21.6000

Conversions

Conversions Part 2

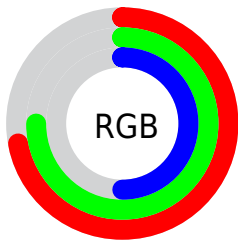
Format	Color
RYB	128, 192, 136
Decimal	12107904
CIELab	75.73, -13.00, 31.39
CIELCh	76, 33.974, 112.502
Yxy	49.4481, 0.3552, 0.4131
Android (android.graphics.Color)	4290297984 (0xFFB8C080)
YUV	182.3120, -26.7758, 1.4804
Hunter-Lab	70.3194, -15.1429, 25.8464

Details

The RYB color **128, 192, 136** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **136, 128, 192**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **181, 248, 188**, and **78, 139, 87** is the 20% darker color. If you saturate the color by 10%, you get **109, 192, 119**, and if you desaturate by 10%, it is **147, 192, 153**.

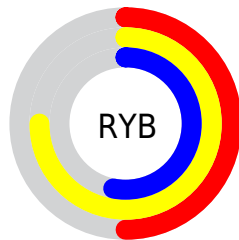
Distribution



Red (72%)

Green (75%)

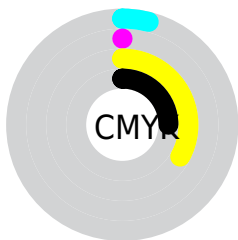
Blue (50%)



Red (50%)

Yellow (75%)

Blue (53%)

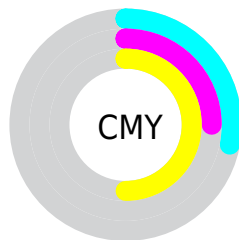


Cyan (4%)

Magenta (0%)

Yellow (33%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 192, 136 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 128, 192, 136 by changing the saturation by 10% instead.

 128, 192, 136


255, 255, 255

 181, 248, 188


 209, 255, 209

 238, 255, 238

 128, 192, 136

 102, 165, 110

 78, 139, 87

 54, 113, 63

 31, 89, 41

 7, 65, 17

 0, 43, 10

 0, 24, 24

 0, 0, 0

 128, 192, 136

 128, 192, 136

■ 109, 192, 119

■ 147, 192, 153

■ 90, 192, 103

■ 166, 192, 169

■ 70, 192, 85

■ 186, 192, 187

■ 51, 192, 69

■ 194, 192, 205

■ 32, 192, 52

■ 196, 192, 224

■ 13, 192, 35

■ 198, 192, 243

■ 0, 192, 24

■ 201, 192, 255

■ 203, 192, 255

■ 206, 192, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179, 216, 125



128, 192, 136



148, 199, 199

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



128, 192, 136



91, 153, 235



243, 164, 196

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



128, 192, 136



136, 128, 192

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219, 171, 225



128, 192, 136



133, 172, 248

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



128, 192, 136



84, 145, 209



180, 181, 244



249, 164, 164

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



128, 192, 136



123, 174, 202



180, 181, 244



237, 165, 206

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



128, 192, 136



225, 250, 228



192, 136, 128



110, 125, 112



252, 252, 252



125, 125, 125

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128, 192, 136



150, 250, 163



128, 192, 167



87, 97, 88



0, 161, 20



0, 33, 4

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



136, 128, 192



162, 150, 250



167, 128, 192



88, 87, 97



20, 0, 161



4, 0, 33

Previews

White Background



This preview shows how the RYB color 128, 192, 136 looks on a white background.

Color Contrast Check

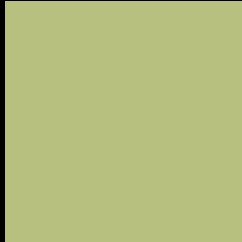
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 128, 192, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

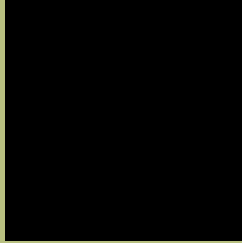
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 128, 192, 136 Background



This preview shows how black text looks on a background with the RYB color 128, 192, 136.



This preview shows how white text looks on a background with the RYB color 128, 192, 136.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
128, 192, 136

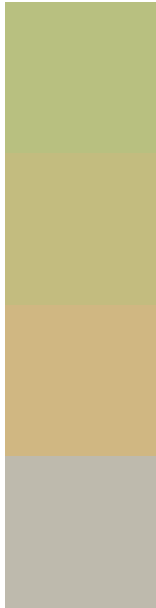
Protanopia
146, 202, 126

Deuteranopia
216, 222, 131



Tritanopia
193, 183, 198

Trichromacy



Original Color
128, 192, 136

Protanomaly
135, 195, 127

Deuteranomaly
167, 208, 130

Tritanomaly
178, 190, 173

Monochromacy



Original Color
128, 192, 136

Achromatopsia
182, 182, 182

Achromatomaly
162, 186, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 192, 136 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(184, 192, 128) looks like.

```
.text, #text, p{  
    color:rgb(184, 192, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 192, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 192, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 192, 136 is called "border". The border property can be set on classes, ids or directly on the HTML element.

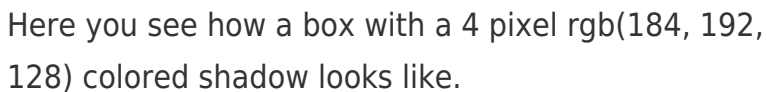
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 192, 128) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 192, 128) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(184, 192, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 192, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 192, 128); box-shadow:4px 4px 4px 4px rgb(184, 192, 128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 192, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 192, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
192, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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